

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L1 | 15 | 365/149,145,185.01,185.24,185, 25,185.26,185.33.ccls. and (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power with stor\$3 with (back\$3 near2 up)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/07 10:58 |
| S1 | 9 | "365"/\$.ccls. and (non-volatile or non\$volatile or nonvolatile or flash) same DRAM same power-on same power-off | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/06 08:18 |
| S2 | 20 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power-on with perform\$3) and (power-off with stor\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/06 13:41 |
| S3 | 2 | ("5960085" "6119228").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/27 14:27 |
| S4 | 11 | (non-volatile or non\$volatile or nonvolatile or flash) same DRAM same power-on same power-off | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 14:29 |
| S5 | 15705 | (non-volatile or non\$volatile or nonvolatile or flash) same DRAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 14:30 |
| S6 | 2009 | (non-volatile or non\$volatile or nonvolatile or flash) same (DRAM with cell\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 14:30 |
| S7 | 979 | S6 and (cell with capacitor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 14:30 |
| S8 | 232 | S7 and (transistor with (float\$3 with gate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 14:31 |

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| S9 | 2 | S8 and ((power-on or (power adj on)) with perform\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 14:40 |
| S10 | 20 | S8 and (power-on or (power adj on)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 14:41 |
| S11 | 2 | "4,055837".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/28 08:44 |
| S12 | 2 | "4,175291".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/28 08:45 |
| S13 | 2 | "3,916390".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/28 08:45 |
| S14 | 2 | "4,471471".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/28 08:46 |
| S15 | 2 | "5,331188".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/28 08:48 |
| S17 | 11 | NVDRAM and control\$\$ and insulat\$3 and float\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/08 18:37 |
| S18 | 1 | ("5825064").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/28 08:53 |
| S19 | 13609 | (power-on or power\$on or (normal\$7 with mode)) and (power-off or power\$off or (program with mode)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/14 05:34 |

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| S35 | 4 | (NVDRAM or ((non-volatile or non\$volatile) with DRAM)) and (power-on or (power adj on)) and (stor\$3 with float\$3) and (adjust\$3 with threshold) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 10:46 |
| S36 | 17 | ("4040015" "4279069" "5237530" "5339279" "5694357" "5828599" "5872994" "5937424" "5995409" "5999446" "6026016" "6131139" "6141256" "6181603" "6198663" "6201733" "6229737").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 08:23 |
| S37 | 16 | ("4890259" "5220531" "5241494" "5388064" "5623436" "5629890" "5638320" "5680341" "5687115" "5694356" "5745409" "5748533" "5748534" "5801980" "5818757" "5828592").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 08:25 |
| S38 | 29 | (NVDRAM or ((non-volatile or non\$volatile) with DRAM)) and (power-on or (power adj on)) and (stor\$3 with float\$3) and (charg\$ with capacitor\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 08:31 |
| S39 | 9 | ("5029128" "5303182" "5307304" "5345415" "5373463" "5383150" "5517445" "5592646" "5956655").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 08:45 |
| S40 | 5 | ("3691535" "4873664" "5010518" "5237533" "5262986").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 08:50 |

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| S41 | 45 | ("4271488" "4742549" "4952821" "5008799" "5036229" "5059815" "5103191" "5220531" "5241494" "5301097" "5363333" "5388064" "5483486" "5493249" "5602794" "5623436" "5629646" "5629890" "5638320" "5680341" "5687115" "5689201" "5694356" "5699312" "5732039" "5745409" "5748533" "5748534" "5767735" "5781473" "5790469" "5796293" "5801980" "5801987" "5818757" "5828592" "5828596" "5864247" "5977803" "5999040" "6031399" "6184726" "6185119" "6208542" "6370075").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 08:58 |
| S42 | 1 | "5,455,786".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 12:11 |
| S43 | 1 | "5,703804".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 12:12 |
| S44 | 1 | (NVDRAM or ((non-volatile or non\$volatile) with DRAM)) and (power-on or (power adj on)) and (stor\$3 with float\$3) and (float\$3 with nitride) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 10:49 |
| S45 | 1 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power-on with perform\$3) and (power-off with stor\$3) and (float\$3 near5 nitride) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 10:57 |
| S46 | 1 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power-on with perform\$3) and (power-off with stor\$3) and (float\$3 same nitride) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 11:02 |
| S47 | 15 | "4,446536" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 10:59 |

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|-----|-----|--|---|----|-----|------------------|
| S48 | 2 | "4,446536".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 10:59 |
| S49 | 610 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (float\$3 same nitride) and stor\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 11:04 |
| S50 | 138 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (control\$4 with metal) and (float\$3 same nitride) and stor\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 11:05 |
| S51 | 72 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (control\$4 with metal) and (float\$3 with nitride) and stor\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 11:16 |
| S52 | 1 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (control\$4 with metal) same (float\$3 with nitride) same stor\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 11:10 |
| S53 | 33 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (control\$4 with metal) and (float\$3 with nitride) and stor\$3 and (ONO or (oxide-nitride-oxide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 11:19 |
| S54 | 28 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and capacit\$5 and transistor\$1 and (control\$4 with metal) and (float\$3 with nitride) and stor\$3 and (ONO or (oxide-nitride-oxide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 11:51 |
| S55 | 3 | 365/149,145,185.01,185.24,185, 25,185.26,185.33.ccls. and (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and capacit\$5 and transistor\$1 and (control\$4 with metal) and (float\$3 with nitride) and stor\$3 and (ONO or (oxide-nitride-oxide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 12:09 |

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| S56 | 9 | "365"/\$.ccls. and (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and capacit\$5 and transistor\$1 and (control\$4 with metal) and (float\$3 with nitride) and stor\$3 and (ONO or (oxide-nitride-oxide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/02 12:10 |
| S57 | 4 | ("5100818" "6064592" "6151248" "6317349").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/02 12:12 |
| S58 | 4 | ("5060194" "5350938" "5483483" "5659505").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/02 12:14 |
| S59 | 6 | NVDRAM and (memory adj2 cell\$1) same capacitor same (transistor with float\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/08 18:43 |
| S60 | 23 | NVDRAM and (memory adj2 cell\$1) same capacitor same transistor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/08 18:39 |
| S61 | 22 | NVDRAM and ((memory adj2 cell\$1) with capacitor\$1 with transistor\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/08 18:44 |
| S62 | 4 | ("5399890" "5436477" "5903492" "5976929").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/08 18:45 |
| S63 | 6 | ("5029128" "5307304" "5373463" "5383150" "5517445" "5592646").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/08 18:49 |
| S64 | 1637 | (nvdrum or DRAM) and MOS same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/11 08:45 |
| S65 | 840 | "365"/\$.ccls. and (nvdrum or DRAM) and MOS same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/11 07:23 |
| S66 | 175 | "365"/\$.ccls. and (nvdrum or DRAM) and ((memory adj3 cell) with matrix) and MOS same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/11 08:38 |

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| S67 | 16 | "365"/\$.ccls. and (nvDRAM or DRAM) and ((memory adj3 cell) with matrix) and (float\$3 with transistor) same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/11 08:38 |
| S68 | 3 | ("5627392" "5640345" "5814850").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/11 07:43 |
| S69 | 1 | "6,141248".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/11 08:59 |
| S70 | 46 | 365/149,145,185.01,185.24,185, 25,185.26,185.33.ccls. and (nvDRAM or DRAM) and ((memory adj3 cell) with matrix) and MOS same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/11 08:38 |
| S71 | 11 | 365/149,145,185.01,185.24,185, 25,185.26,185.33.ccls. and (nvDRAM or DRAM) and ((memory adj3 cell) with matrix) and (float\$3 with transistor) same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/11 08:49 |
| S72 | 3 | ("5627392" "5640345" "5814850").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/11 08:40 |
| S73 | 243 | 365/149,145,185.01,185.24,185, 25,185.26,185.33.ccls. and (nvDRAM or DRAM) and MOS same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/14 07:35 |

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| S74 | 64 | ("20010028078" "20010030338" "20010032997" "20010053096" "20020098639" "20020126536" "20030001191" "20030155604" "20030205754" "4826780" "4970689" "4999811" "5017504" "5021355" "5042011" "5066607" "5122986" "5220530" "5280205" "5308783" "5378914" "5381302" "5385853" "5414288" "5448513" "5478772" "5506166" "5519236" "5574299" "5627785" "5707885" "5719409" "5732014" "5854500" "5897351" "5909618" "5936274" "5959327" "5973356" "5991225" "6030847" "6031263" "6072209" "6097065" "6104061" "6124729" "6143636" "6150687" "6153468" "6191448" "6238976" "6246083" "6249020" "6249460" "6307775" "6350635" "6384448" "6399979" "6456535" "6492233" "6501116" "6504201" "6531730" "6680864").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/11 08:43 |
| S75 | 169 | (nvdram or DRAM) and (float\$3 with transistor) same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/14 07:50 |
| S76 | 12 | 365/149,145,185.01,185.24,185.25,185.26,185.33.ccls. and (nvdram or DRAM) and ((memory adj3 cell) with matrix) and (float\$3 with transistor) same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/11 08:48 |
| S77 | 11 | 365/149,145,185.01,185.24,185.25,185.26,185.33,185.08.ccls. and (nvdram or DRAM) and ((memory adj3 cell) with matrix) and (float\$3 with transistor) same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/11 08:53 |

EAST Search History

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| S79 | 56 | 365/149,145,185.01,185.24,185.25,185.26,185.33,185.08.ccls. and (nvDRAM or DRAM) and (float\$3 with transistor) same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/11 08:50 |
| S80 | 35 | ("3387286" "4051354" "4313106" "4471240" "5105388" "5327380" "5406524" "5455791" "5464785" "5555206" "5559449" "5579259" "5608670" "5646428" "5671178" "5706227" "5740104" "5754477" "5790455" "5801401" "5811865" "5852306" "5936274" "5959896" "5973356" "5991225" "6049477" "6100559" "6124729" "6137725" "6222224" "6246089" "6249460" "6351428").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/11 08:50 |
| S81 | 1 | "5418739".PN. | USPAT; USOCR | OR | OFF | 2005/06/11 08:52 |
| S82 | 1 | "6,009,011".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/11 09:00 |
| S83 | 6 | ("4803664" "5675160" "5712817" "5936881" "6016268" "6121079").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/11 10:14 |
| S87 | 1 | DRAM and (power-on with control\$4 with threshold) and (power-off with stor\$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/14 05:54 |
| S88 | 5 | ("4435786" "5051948" "5051951" "5319593" "5463586").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/14 05:48 |
| S89 | 51 | DRAM and (power-on with control\$4) and (power-off with stor\$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/14 06:16 |
| S90 | 1 | DRAM and (power-on with control\$4 with threshold) and (power-off with stor\$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/14 06:16 |
| S91 | 4 | DRAM and (power-on same control\$4 same threshold) and (power-off same stor\$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/14 06:16 |

EAST Search History

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| S92 | 63 | 365/149,145,185.01,185.24,185, 25,185.26,185.33,185.08.ccls. and (nvDRAM or DRAM) and (float\$3 with transistor) same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/14 07:33 |
| S93 | 39 | (nvDRAM or DRAM) and MOS same capacitor same power-on same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/14 07:36 |
| S94 | 91 | "365"/\$.ccls. and (nvDRAM or DRAM) and (float\$3 with transistor) same capacitor same voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/14 07:51 |
| S95 | 8 | DRAM and (power-on with control\$4 with threshold) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/14 08:00 |
| S96 | 6 | ("4803664" "5675160" "5712817" "5936881" "6016268" "6121079").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 08:01 |
| S97 | 3 | ("5627392" "5640345" "5814850").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 08:59 |
| S98 | 662 | threshold with (back\$3 near up) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 09:01 |
| S99 | 4 | S94 and S98 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 09:01 |
| S10 4 | 1 | (non-volatile or flash) and DRAM and (power with control\$4 with threshold) and (power with capacitor with float\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/06 08:28 |
| S10 7 | 4 | (non-volatile or flash) and DRAM and (power with (on or off)) and (control\$4 with threshold) and (capacitor with float\$3) and mov\$3 and (back\$3 near2 up) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/06 08:30 |
| S10 8 | 83 | (Ahn with Jin-hong) (hong with sang-hoon) (Park with Young-June) (Lee with sang-don) (Kim with Yil-wook) (Bae with Gi-hyun) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/06 08:45 |

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| S10 9 | 22 | \$108 and "365"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/06 08:45 |
| S11 0 | 4 | ("4545035" "5043946" "5251171" "6009011").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/06 08:51 |
| S11 1 | 4 | ("4545035" "5043946" "5251171" "6009011").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/06 11:20 |
| S11 2 | 6 | ("5426603" "5491435" "5528552" "5768201" "5859548" "5877993").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/06 11:21 |
| S11 3 | 27726 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and ((power-on with stor\$3 with (back\$3 near2 up)perform\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/06 13:48 |
| S11 4 | 1 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power-on with stor\$3 with (back\$3 near2 up)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/06 13:48 |
| S11 5 | 27756 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and ((power with stor\$3 with (back\$3 near2 up)perform\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/06 13:48 |
| S11 6 | 206 | (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power with stor\$3 with (back\$3 near2 up)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/07 10:55 |